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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/608,824
				Filing Date	June 26, 2003
				First Named Inventor	Eran Steinberg
				Art Unit	2624
				Examiner Name	Manav Seth
Sheet	1	of	3	Attorney Docket Number	FN102-I

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/MS/		US-4,970,683	11-13-1990	Harshaw et al.	
/MS/		US-5,150,432	09-22-1992	Ueno et al.	
/MS/		US-5,764,803	06-09-1998	Jacquin et al.	
/MS/		US-5,852,669	12-22-1998	Elftheriadis et al.	
/MS/		US-6,426,779	07-30-2002	Noguchi et al.	
/MS/		US-6,301,440	10-09-2001	Bolle et al.	
/MS/		US-6,937,773 B1	08-30-2005	Nozawa et al.	
/MS/		US-6,940,545 B1	09-06-2005	Ray et al.	
/MS/		US-6,977,687 B1	08-30-2005	Suh	
/MS/		US-7,034,848 B2	04-25-2006	Sobol	
/MS/		US-7,106,887 B2	09-12-2006	Kinjo	
/MS/		US-2003/0123751 A1	07-03-2003	Krishnamurthy et al.	
/MS/		US-2003/0142209 A1	07-31-2003	Yamazaki et al.	
/MS/		US-2004/0120399 A1	06-24-2004	Kato	
/MS/		US-2006/0018517 A1	01-26-2006	Chen et al.	
/MS/		US-2006/0203107 A1	09-14-2006	Steinberg et al.	
/MS/		US-2006/0203108 A1	09-14-2006	Steinberg et al.	

### FOREIGN PATENT DOCUMENTS

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/MS/		US-2006/0204034 A1	09-14-2006	Steinberg et al.	
/MS/		US-2006/0204054 A1	09-14-2006	Steinberg et al.	
/MS/		US-2006/0204055 A1	09-14-2006	Steinberg et al.	
/MS/		US-2006/0204056 A1	09-14-2006	Steinberg et al.	
/MS/		US-2006/0204057 A1	09-14-2006	Steinberg	
/MS/		US-2006/0204110 A1	09-14-2006	Steinberg et al.	
/MS/		US-2006/0215924 A1	09-28-2006	Steinberg et al.	
/MS/		US-2007/0110305 A1	05-17-2007	Corcoran et al.	
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NON PATENT LITERATURE DOCUMENTS			
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/MS/		U.S. Patent Application No. 10/608,772, entitled "Method of improving orientation and color balance of digital images using face detection information"	
/MS/		PCT Application No. PCT/US2006/021393, filed June 2, 2006, entitled "Modification of Post-Viewing Parameters for Digital Images Using Image Region or Feature Information"	
/MS/		PCT Application No. PCT/US2006/060392, filed October 31, 2006, entitled "Digital Image Processing Using Face Detection and Skin Tone Information"	

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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First Named Inventor	Eran Steinberg
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Art Unit	2621
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Examiner Name

Attorney Docket Number	2100874-991290
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[illegible]

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/MS/		JP 5-260360 (Includes English Abstract)	10-08-1993	Shinichi		
/MS/		EP 1 128 316 A1	08-29-2001	Ray		
/MS/		GB 2 370 438 A	06-26-2002	Cheattle		
/MS/		WO 02/052835 A2	07-04-2002	Cheattle		

**Examiner  
Signature**

/Manav Seth/

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/MS/		P. VUYLSTEKE, et al., Range Image Acquisition with a Single Binary-Encoded Light Pattern, IEEE Transactions on Pattern Analysis and Machine Intelligence, abstract printed from <a href="http://csdl.computer.org/comp/trans/tp/1990/02/0148abs.htm">http://csdl.computer.org/comp/trans/tp/1990/02/0148abs.htm</a> , 1990, 1 page	
/MS/		D. SHOCK, et al., Comparison of Rural Remote Site Production of Digital Images Employing a Film Digitizer or a Computed Radiography (CR) System, 4th International Conference on Image Management and Communication (IMAC '95), August 21-24, 1995, Abstract printed from <a href="http://csdl.computer.org/comp/proceedings/imac/1995/7560/00/75600071abs.htm">http://csdl.computer.org/comp/proceedings/imac/1995/7560/00/75600071abs.htm</a>	
/MS/		J.W. SUBLETT, et al., Design and Implementation of a Digital Teleultrasound System for Real-Time Remote Diagnosis, Eight Annual IEEE Symposium on Computer-Based Medical Systems (CBMS '95) June 9-10, 1995, Lubbock, Texas, Abstract printed from <a href="http://csdl.computer.org/comp/proceedings/cbms/1995/7117/00/71170292abs.htm">http://csdl.computer.org/comp/proceedings/cbms/1995/7117/00/71170292abs.htm</a>	
/MS/		SING BING KANG, et al., A Multibaseline Stereo System with Active Illumination and Real-Time Image Acquisition, Fifth International Conference on Computer Vision, June 20-23, 1995, Massachusetts Institute of Technology, Cambridge, Massachusetts, Abstract printed from <a href="http://csdl.computer.org/comp/proceedings/iccv/1995/7042/00/70420088abs.htm">http://csdl.computer.org/comp/proceedings/iccv/1995/7042/00/70420088abs.htm</a>	
/MS/		M. SHAND, Flexible Image Acquisition Using Reconfigurable Hardware, IEEE Symposium of FPGA's for Custom Computing Machines (FCCM '95), April 19-21, 1995, Napa Valley, California, Abstract printed from <a href="http://csdl.computer.org/comp/proceedings/fccm/1995/7086/00/70860125abs.htm">http://csdl.computer.org/comp/proceedings/fccm/1995/7086/00/70860125abs.htm</a>	
/MS/		DAECHUL PARK, et al., Lenticular Stereoscopic Imaging and Displaying Techniques with no Special Glasses, 1995 International Conference on Image Processing (Vol. 3)-Volume 3, October 23-26, 1995, Washington, D.C., Abstract printed from <a href="http://csdl.computer.org/comp/proceedings/icip/1995/7310/03/73103137abs.htm">http://csdl.computer.org/comp/proceedings/icip/1995/7310/03/73103137abs.htm</a>	
/MS/		H.H. GARNAOUI, et al., Visual Masking and the Design of Magnetic Resonance Image Acquisition, 1995 International Conference on Image Processing (Vol. 1)-Volume 1, October 23-26, 1995, Washington, D.C., Abstract printed from <a href="http://csdl.computer.org/comp/proceedings/icip/1995/7310/01/73100625abs.htm">http://csdl.computer.org/comp/proceedings/icip/1995/7310/01/73100625abs.htm</a>	
/MS/		JOHN DALTON, Digital Cameras and Electronic Color Image Acquisition, COMPCON Spring '96 - 41st IEEE International Conference, February 25-28, 1996, San Jose, California, Abstract printed from <a href="http://csdl.computer.org/comp/proceedings/compcon/1996/7414/00/74140431abs.htm">http://csdl.computer.org/comp/proceedings/compcon/1996/7414/00/74140431abs.htm</a>	
/MS/		ARUN KRISHMAN, Panoramic Image Acquisition, 1996 Conference on Computer Vision and Pattern Recognition (CVPR '96), June 18-20, 1996, San Francisco, CA, Abstract printed from <a href="http://csdl.computer.org/comp/proceedings/cvpr/1996/7258/00/72580379abs.htm">http://csdl.computer.org/comp/proceedings/cvpr/1996/7258/00/72580379abs.htm</a>	
/MS/		TONY S. JEBARA, 3D Pose Estimation and Normalization for Face Recognition, Department of Electrical Engineering, McGill University, A Thesis submitted to the Faculty of Graduate Studies and Research in Partial fulfillment of the requirements of the degree of Bachelor of Engineering, May 1996, pp. 1-121.	

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/MS/		DAVID BEYMER, Pose-Invariant Face Recognition Using Real and Virtual Views, Massachusetts Institute of Technology Artificial Intelligence Laboratory, A.I. Technical Report No. 1574, March 1996, pp. 1-176.	
/MS/		WEN-CHEN HU, et al., A Line String Image Representation for Image Storage and Retrieval, 1997 International Conference on Multimedia Computing and Systems (ICMCS '97), June 3-6, 1997, Ottawa, Ontario, Canada, Abstract printed from <a href="http://csdl.computer.org/comp/proceedings/icmcs/1997/7819/00/78190434abs.htm">http://csdl.computer.org/comp/proceedings/icmcs/1997/7819/00/78190434abs.htm</a>	
/MS/		YUAN Y. TANG, et al., Information Acquisition and Storage of Forms in Document Processing, 4th International Conference Document Analysis and Recognition (ICDAR '97) Volume 1 and Volume II, August 18 - 20, 1997, Ulm, Germany, Abstract printed from <a href="http://csdl.computer.org/comp/proceedings/icdar/1997/7898/00/78980170abs.htm">http://csdl.computer.org/comp/proceedings/icdar/1997/7898/00/78980170abs.htm</a>	
/MS/		J.-A. BERALDIN, et al., Object Model Creation from Multiple Range Images: Acquisition, Calibration, Model Building and Verification, International Conference on Recent Advances in 3-D Digital Imaging and Modeling, May 12-15, 1997, Ottawa, Ontario, Canada, Abstract printed from <a href="http://csdl.computer.org/comp/proceedings/nrc/1997/7943/00/79430326abs.htm">http://csdl.computer.org/comp/proceedings/nrc/1997/7943/00/79430326abs.htm</a>	
/MS/		JUN ZHANG, et al., Face Recognition: Eigenface, Elastic, Matching, and Neutral Nets, Proceedings of the IEEE, September 1997, pp. 1423-1435, Vol. 85, No. 9.	
/MS/		HIROYUKI AOKI, et al., An Image Storage System Using Complex-Valued Associative Memories, International Conference on Pattern Recognition (ICPR '00)-Volume 2, September 3-8, 2000, Barcelona, Spain, Abstract printed from <a href="http://csdl.computer.org/comp/proceedings/icpr/2000/0750/02/07502626abs.htm">http://csdl.computer.org/comp/proceedings/icpr/2000/0750/02/07502626abs.htm</a>	
/MS/		DANIJEL SKOCAJ, Range Image Acquisition of Objects with Non-Uniform Albedo Using Structured Light Range Sensor, International Conference on Pattern Recognition (ICPR '00)-Volume 1, September 3-8, 2000, Barcelona, Spain, Abstract printed from <a href="http://csdl.computer.org/comp/proceedings/icpr/2000/0750/01/07501778abs.htm">http://csdl.computer.org/comp/proceedings/icpr/2000/0750/01/07501778abs.htm</a>	
/MS/		REINHOLD HUBER, et al., Adaptive Aperture Control for Image Acquisition, Sixth IEEE Workshop on Applications of Computer Vision, December 3-4, 2002, Orlando Florida, Abstract printed from <a href="http://csdl.computer.org/comp/proceedings/wacv/2002/1858/00/18580320abs.htm">http://csdl.computer.org/comp/proceedings/wacv/2002/1858/00/18580320abs.htm</a>	
/MS/		MICHAL KOZUBEK, et al., Automated Multi-view 3D Image Acquisition In Human Genome Research, 1st International Symposium on 3D Data Processing Visualization and Transmission (3DPVT '02), June 19-21, 2002, Padova, Italy, Abstract printed from <a href="http://csdl.computer.org/comp/proceedings/3dpvt/2002/1521/00/15210091abs.htm">http://csdl.computer.org/comp/proceedings/3dpvt/2002/1521/00/15210091abs.htm</a>	
/MS/		NOBUYUKI KITA, et al., Archiving Technology for Plant Inspection Images Captured by Mobile Active Cameras - 4D Visible Memory - 1st International Symposium on 3D Data Processing Visualization and Transmission (3DPVT '02), June 19-21, 2002, Padova, Italy, Abstract printed from <a href="http://csdl.computer.org/comp/proceedings/3dpvt/2002/1521/00/15210208abs.htm">http://csdl.computer.org/comp/proceedings/3dpvt/2002/1521/00/15210208abs.htm</a>	

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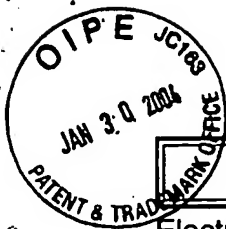
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/MS/		HENRY A. ROWLEY, et al., Neural Network-Based Face Detection, IEEE Transactions on Pattern Analysis and Machine Intelligence, January 1998, pp. 23-38, Vol. 20, No. 1.	
/MS/		MATHEW GAUBATZ, et al., Automatic Red-Eye Detection and Correction, IEEE ICIP, 2002, pages 1-804 – 1-807.	
/MS/		MING-HSUAN YANG, et al., Detecting Faces in Images: A Survey, IEEE Transactions on Pattern Analysis and Machine Intelligence, January 2002, pp. 34-58, Vol. 24, No. 1.	
/MS/		KRESIMIR MATKOVIC, et al., The 3D Wunderkammer an Indexing by Placing Approach to the Image Storage and Retrieval, Theory and Practice of Computer Graphics 2003, June 3-5, 2003, University of Birmingham, UK, Abstract printed from <a href="http://csdl.computer.org/comp/proceedings/tpcg/2003/1942/00/19420034abs.htm">http://csdl.computer.org/comp/proceedings/tpcg/2003/1942/00/19420034abs.htm</a>	
/MS/		Twins Crack Face Recognition Puzzle, Internet article <a href="http://www.cnn.com/2003/TECH/ptech/03/10/israel.twins.reut/index.html">http://www.cnn.com/2003/TECH/ptech/03/10/israel.twins.reut/index.html</a> , printed March 10, 2003, 3 pages.	

Examiner Signature	/Manav Seth/	Date Considered	09/24/2007
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.


This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, US. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	PERFECTING OF DIGITAL IMAGE RENDERING PARAMETERS WITHIN RENDERING DEVICES USING FACE DETECTION							
Application Number:		10/608824						
Confirmation Number:		7964						
First Named Applicant:		Eran Steinberg						
Attorney Docket Number:		2100874-991290						
Art Unit:		2621						
Search string:		( 4047187 or 4317991 or 4367027 or 4638364 or 5164992 or 5291234 or 5488429 or 5638136 or 5710833 or 5724456 or 5745668 or 5774129 or 5781650 or 5812193 or 5818975 or 5835616 or 5844573 or 5852823 or 5870138 or 5911139 or 5978519 or 5991456 or 6072094 or 6097470 or 6101271 or 6128397 or 6148092 or 6151073 or 6188777 or 6192149 or 6249315 or 6263113 or 6268939 or 6282317 or 6301370 or 6332033 or 6349373 or 6351556 or 6393148 or 6404900 or 6407777 or 6421468 or 6438234 or 6456732 or 6459436 or 6473199 or 6501857 or 6502107 or 6504942 or 6504951 or 6516154 or 6526161 or 6564225 or 6567983 or Re31370 or Re33682 or Re36041 or 20010028731 or 20010031142 or 20020105662 or 20020106114 or 20020114535 or 20020136433 or 20020168108 or 20020172419 or 20020191861 or 20030025812 or 20030035573 or 20030048950 or 20030052991 or 20030059107 or 20030059121 or 20030071908 or 20030084065 or 20030107649 or 20030118216 or 20030202715 ).pn.						
US Patent Documents								
Note: Applicant is not required to submit a paper copy of cited US Patent Documents								
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	
/MS/	1	4047187	1977-09-06	Mashimo et al.		354	23 D	

/MS/	2	4317991	1982-03-02	Stauffer		250	201
	3	4367027	1983-01-04	Stauffer		354	195
	4	4638364	1987-01-20	Hiramatsu		358	227
	5	5164992	1992-11-17	Turk et al.		382	2
	6	5291234	1994-03-01	Shindo et al.		354	402
	7	5488429	1996-01-30	Kojima et al.		348	653
	8	5638136	1997-06-10	Kojima et al.		348	653
	9	5710833	1998-01-20	Moghaddam et al.		382	228
	10	5724456	1998-03-03	Boyack et al.		382	274
	11	5745668	1998-04-28	Poggio et al.		395	175
	12	5774129	1998-06-30	Poggio et al.		345	441
	13	5781650	1998-07-14	Lobo et al.		382	118
	14	5812193	1998-09-22	Tomitaka et al.		348	369
	15	5818975	1998-10-06	Goodwin et al.		382	274
	16	5835616	1998-11-10	Lobo et al.		382	118
	17	5844573	1998-12-01	Poggio et al.		345	441
	18	5852823	1998-12-22	De Bonet		707	6
	19	5870138	1999-02-09	Smith et al.		348	143
	20	5911139	1999-06-08	Jain et al.		707	3
	21	5978519	1999-11-02	Bollman et al.		382	282
	22	5991456	1999-11-23	Rahman et al.		382	254
	23	6072094	2000-06-06	Karady et al.		585	538
	24	6097470	2000-08-01	Buhr et al.		355	38
	25	6101271	2000-08-08	Yamashita et al.		382	167
	26	6128397	2000-10-03	Baluja et al.		382	118
	27	6148092	2000-11-14	Qian		382	118
	28	6151073	2000-11-21	Steinberg et al.		348	371
	29	6188777	2001-02-13	Darrell et al.	B1	382	103
	30	6192149	2001-02-20	Eschbach et al.	B1	382	168
	31	6249315	2001-06-19	Holm	B1	348	251
	32	6263113	2001-07-17	Abdel-Mottaleb et al.	B1	382	237
	33	6268939	2001-07-31	Klassen et al.	B1	358	518
	34	6282317	2001-08-28	Luo et al.	B1	382	203
	35	6301370	2001-10-09	Steffens et al.	B1	382	103
✓	36	6332033	2001-12-18	Qian	B1	382	124
/MS/	37	6349373	2002-02-19	Sitka et al.	B2	711	161

MS/	38	6351556	2002-02-26	Loui et al.	B1	382	164
	39	6393148	2002-05-21	Bhaskar	B1	382	169
	40	6404900	2002-06-11	Qian et al.	B1	382	103
	41	6407777	2002-06-18	DeLuca	B1	348	576
	42	6421468	2002-07-16	Ratnakar et al.	B1	382	254
	43	6438234	2002-08-20	Gallagher et al.	B1	382	167
	44	6456732	2002-09-24	Kimbell et al.	B1	382	112
	45	6459436	2002-10-01	Kumada et al.	B1	345	590
	46	6473199	2002-10-29	Gilman et al.	B1	358	1.9
	47	6501857	2002-12-31	Gotsman et al.	B1	382	224
	48	6502107	2002-12-31	Nishida	B1	707	104.1
	49	6504942	2003-01-07	Hong et al.	B1	382	103
	50	6504951	2003-01-07	Luo et al.	B1	382	165
	51	6516154	2003-02-04	Parulski et al.	B1	396	287
	52	6526161	2003-02-25	Yan	B1	382	118
	53	6564225	2003-05-13	Brogliatti et al.	B1	707	104.1
	54	6567983	2003-05-20	Shiimori	B1	725	105
	55	Re31370	1983-09-06	Mashimo et al.		354	23 D
✓	56	Re33682	1991-09-03	Hiramatsu		358	227
MS/	57	Re36041	1999-01-12	Turk et al.		382	118

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
MS/	1	20010028731	2001-10-11	Covell et al.	A1	382	118
	2	20010031142	2001-10-18	Whiteside	A1	396	61
	3	20020105662	2002-08-08	Patton et al.	A1	358	1.9
	4	20020106114	2002-08-08	Yan et al.	A1	382	118
	5	20020114535	2002-08-22	Luo	A1	382	282
	6	20020136433	2002-09-26	Lin	A1	382	118
	7	20020168108	2002-11-14	Loui et al.	A1	382	190
	8	20020172419	2002-11-21	Lin et al.	A1	382	167
	9	20020191861	2002-12-19	Cheatle	A1	382	282
✓	10	20030025812	2003-02-06	Slatter	A1	348	240.2
MS/	11	20030035573	2003-02-20	Duta et al.	A1	382	128

/MS/	12	20030048950	2002-03-13	Savakis et al.	A1	382	225
	13	20030052991	2003-03-20	Stavely et al.	A1	348	370
	14	20030059107	2003-03-27	Sun et al.	A1	382	165
	15	20030059121	2003-03-27	Savakis et al.	A1	382	239
	16	20030071908	2003-04-17	Sannoh et al.	A1	348	345
	17	20030084065	2003-05-01	Lin et al.	A1	707	104.1
	18	20030107649	2003-06-12	Flickner et al.	A1	348	150
✓	19	20030118216	2003-06-26	Goldberg	A1	382	115
/MS/	20	20030202715	2003-10-30	Kinjo	A1	382	282

## Remarks

Note: Remarks are not for responding to an office action.

Each item of information listed in the attached electronic FORM PTO-1449 may be material to the examination of the above-identified application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56, 1.97 and 1.98. The Examiner is requested to make these items of official record in this application. This Information Disclosure Statement under 37 CFR 1.56, 1.97 and 1.98 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these items constitutes prior art. If this statement crosses in the mail with an office action, or is otherwise not in the indicated category of 37 C.F.R. 1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record. To the extent required, please treat this submission as a conditional petition for acceptance of the information disclosure statement. In the event any fee is required for filing the above-noted document, including any fees required under 37 CFR 1.136 for any necessary Extension of Time to make the filing of the attached document timely, the Assistant Commissioner is hereby authorized to charge the fee to our Deposit Account No. 07-1896.

## Signature

Examiner Name	Date
/Manav Seth/	09/24/2007